

This listing of claims will replace all prior versions, and listings of claims in the applications:

Listing of Claims:

1. (currently amended) Video processing apparatus comprising a set of spatial filter apertures and a slope detector, the apparatus selecting the appropriate filter aperture in accordance with the output of the slope detector and taking weighted contributions from pixels in the selected filter aperture, wherein the filter aperture weightings for each of the set of spatial filter apertures sum to unity over a line including the current pixel and sum to zero on each side ~~over either side of the~~ said line.
2. (original) Apparatus according to Claim 1, wherein said line is vertical.
3. (original) Apparatus according to Claim 1 or Claim 2, wherein the set consists of three spatial filter apertures.
4. (original) Video processing apparatus comprising a slope detector and a spatial filter having a positive filter aperture, a linear filter aperture and a negative filter aperture; wherein the positive filter aperture is employed upon detection of any positive slope in excess of a defined positive threshold; the negative filter aperture is employed upon detection of any negative slope in excess of a defined negative threshold; and the linear filter aperture is employed otherwise.
5. (currently amended) Apparatus according to Claim 4, wherein in each said filter aperture weighted contributions are taken from pixels with the filter aperture weightings summing to unity over a line including the current pixel and summing to zero on each side ~~over either side of the~~ said line.
6. (original) Apparatus according to Claim 5, wherein said line is vertical.
7. (previously presented) Apparatus according to Claim 2, wherein the set consists of three spatial filter apertures.

In light of the above amendments and the remarks presented in the June 1, 2004 Amendment, the Applicant respectfully requests entry of the June 1, 2004, Amendment, entry of this paper, and the allowance of claims 1-7. The undersigned is available for telephone consultation during normal business hours.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Derek C. Stettner', with a long horizontal line extending to the right.

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